

Wild. JA-20; VIR U-0134851; W6 13295. Collected in Kazakhstan. Latitude 47 deg. 29' N. Longitude 58 deg. 15' E. Elevation 200 m. Clay soil along dry creek bed, 105km west-southwest of Chelkar. Annual precipitation 200mm. Vegetation - *Bromus inermis*, *Leymus angustus*, *Elytrigia repens*, *Agropyron cristatum* and *Psathyrostachys juncea* in better moisture areas, *Artemisia terrae-albae*, *Kochia prostrata*, and tall shrubs.

PI 598646. *Agropyron desertorum* (Fisch. ex Link) Schult.

Wild. JA-21; VIR U-0134855; W6 13296. Collected in Kazakhstan. Latitude 47 deg. 52' N. Longitude 59 deg. 43' E. Elevation 240 m. Sandy soil, Experiment Station at Chelkar. Annual precipitation 150mm. Dominant vegetation - *Artemisia terrae-albae*, *Kochia prostrata* and *Agropyron fragile*.

PI 598647. *Agropyron desertorum* (Fisch. ex Link) Schult.

Wild. JA-22; VIR U-0134798; W6 13297. Collected in Kazakhstan. Latitude 47 deg. 32' N. Longitude 58 deg. 17' E. Elevation 220 m. 90km west-southwest of Chelkar. Annual precipitation 180mm. Vegetation - *Poa bulbosa*, *Stipa spp.*, *Agropyron fragile* and *Agropyron desertorum*.

PI 598648. *Agropyron desertorum* (Fisch. ex Link) Schult.

Wild. JA-24; VIR U-0134757; W6 13299. Collected in Kazakhstan. Latitude 47 deg. 17' N. Longitude 58 deg. 13' E. Elevation 190 m. Center of Shagan Valley along dry water way, 120km west-southwest of Chelkar. Annual precipitation 220mm. Dominant vegetation - *Agropyron desertorum*, *A. fragile*, *Bromus inermis*, and *Psathyrostachys juncea*.

PI 598649. *Agropyron desertorum* (Fisch. ex Link) Schult.

Wild. JA-25; VIR U-0134812; W6 13300. Collected in Kazakhstan. Latitude 47 deg. 8' N. Longitude 58 deg. 7' E. Elevation 220 m. Plateau overlooking Shagan Valley, shale type soil with dark rocks and sand, little domestic grazing in area, 144km southwest of Chelkar. Annual precipitation 200mm.

PI 598650. *Agropyron desertorum* (Fisch. ex Link) Schult.

Wild. JA-26; VIR U-0134755; W6 13301. Collected in Kazakhstan. Latitude 47 deg. 2' N. Longitude 57 deg. 58' E. Elevation 220 m. Dry water way, 180km southwest of Chelkar. Annual precipitation 180mm. Dominant vegetation - *Artemisia terrae-albae*, *Agropyron spp.*, *Stipa spp.*, *Psathyrostachys juncea*, and *Ceratoides spp.*

PI 598651. *Agropyron desertorum* (Fisch. ex Link) Schult.

Wild. JA-28; VIR U-0134810; W6 13303. Collected in Kazakhstan. Latitude 46 deg. 27' N. Longitude 58 deg. 27' E. Elevation 160 m. Dry alkalai drainage area, 194km south southeast of Chelkar. Annual precipitation 170mm. Vegetation dominated by shrubs (including *Tamarix* and *Salsola spp.*), and sparse stand of *Psathyrostachys juncea*, *Agropyron spp.*, and *Festuca spp.*

PI 598652. *Agropyron desertorum* (Fisch. ex Link) Schult.

Wild. JA-29; VIR U-0134841; W6 13304. Collected in Kazakhstan. Latitude 46 deg. 17' N. Longitude 58 deg. 35' E. Elevation 150 m. 195km south-southwest of Chelkar and 10km north of Bosoy (gas pump station #10). Annual precipitation 150mm. Collection of mixed pubescent and nonpubescent types. Vegetation dominated by shrubs - *Tamarix* and *Salsola*